

1-4. (CANCELED)

5. (NEW) A shift device for a transmission with a cam drive, which has a shifting roll rotatably guided about an axle, the shifting roll having grooves, as well as a selection finger which can engage in the grooves, the shift device is designed as a passive, speed of rotation regulated system, a choice of a desired gear stage for upshifting as well as downshifting is enabled as a function of the speed of rotation of the shifting roll and in presence of an occurring centrifugal force.

6. (NEW) The shift device according to claim 5, wherein on an outer circumference of the shifting roll, rocking elements (8) are supported on rotatable axles (6) which are provided on both ends respectively with wedge-shaped tips (1, 2, 3, 4, 5; 10, 11, 12, 13, 14), on one side of the rotatable axle (6) a compression spring (9) is placed, which exerts a force upon the wedge-shaped tips (1, 2, 3, 4, 5), which on the rocking element (8) are located on an end of the rocker element which is remote from the compression spring (9).

7. (NEW) The shift device according to claim 6, wherein the rotatable axle (6) is asymmetrically placed in reference to a corresponding groove.

8. (NEW) The shift device according to claim 6, wherein a neutral groove is bound to each gear stage groove of the shifting roll.